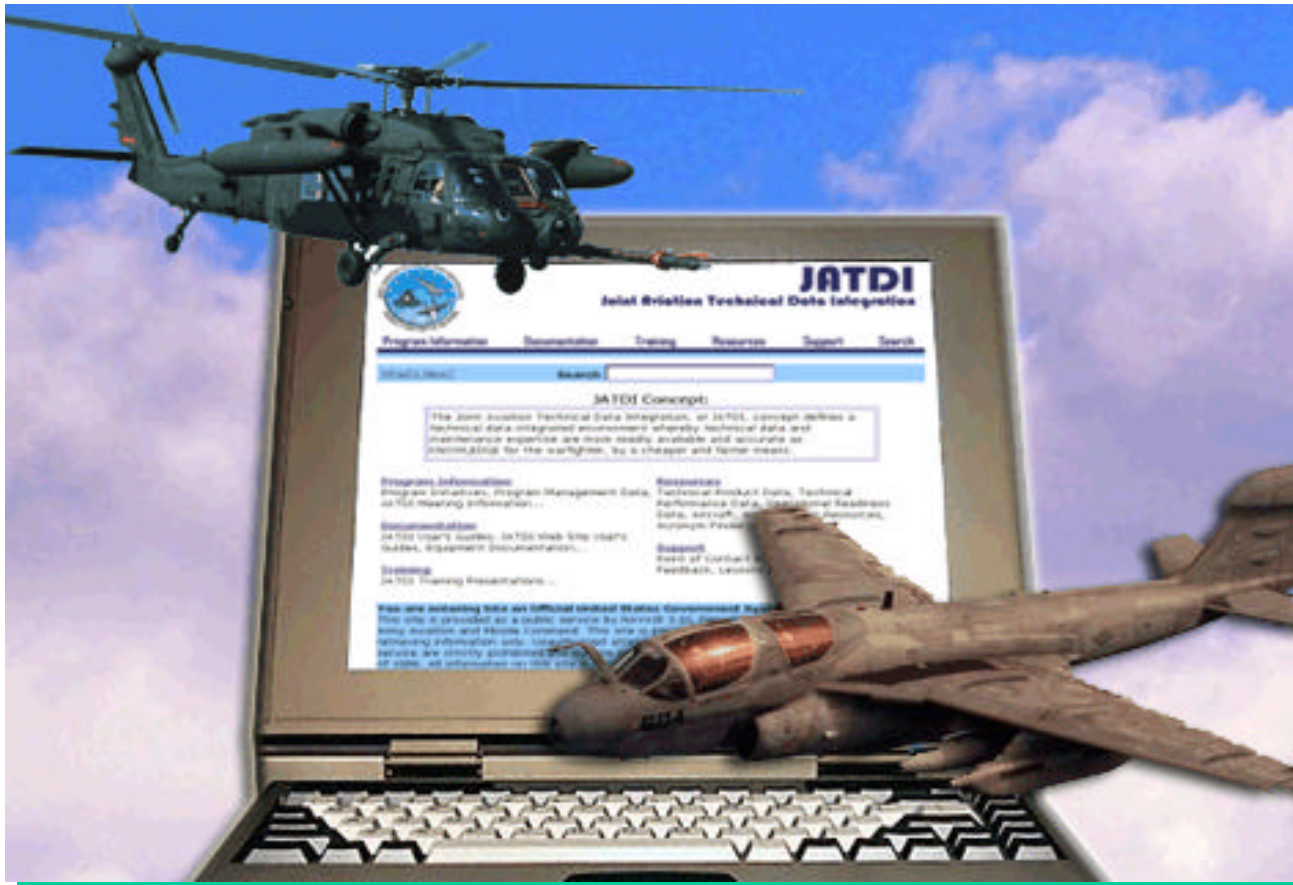# Joint Aviation Technical Data Integration
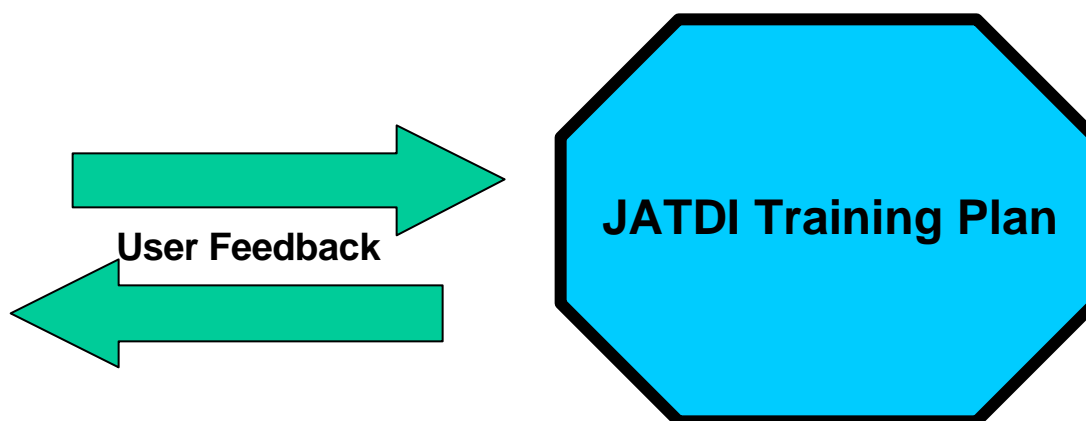
Executive Overview

Today's Topics

Joint Aviation Technical Data Integration (JATDI) Life Cycle Process

- *Background*
- *Joint Team*
- *Concept*
- *Research*
- *Explore*
- *Deploy*
- *Sustain*

User Feedback

JATDI Training Plan

JATDI Background

Program History

- Tasking from Joint Aeronautical Commander's Group (JACG) in Mar 99 with NAVAIR designated as the Lead

Mission Need

- Streamline the distribution of Technical Data
- Provide the maintenance community with necessary integrated technical data to Improve readiness TODAY
- Digital – Web Enabled-To provide the capability for a user, with access to the internet, to obtain technical data on specific weapons systems that can be gathered and presented back to the requestors terminal.

Current Customer Focus

Army
H-60, H-1,
AH-64, OH-58,
RAH-66, CCAD

Air Force
Global Hawk

USMC
EA-6B
AV-8

Navy
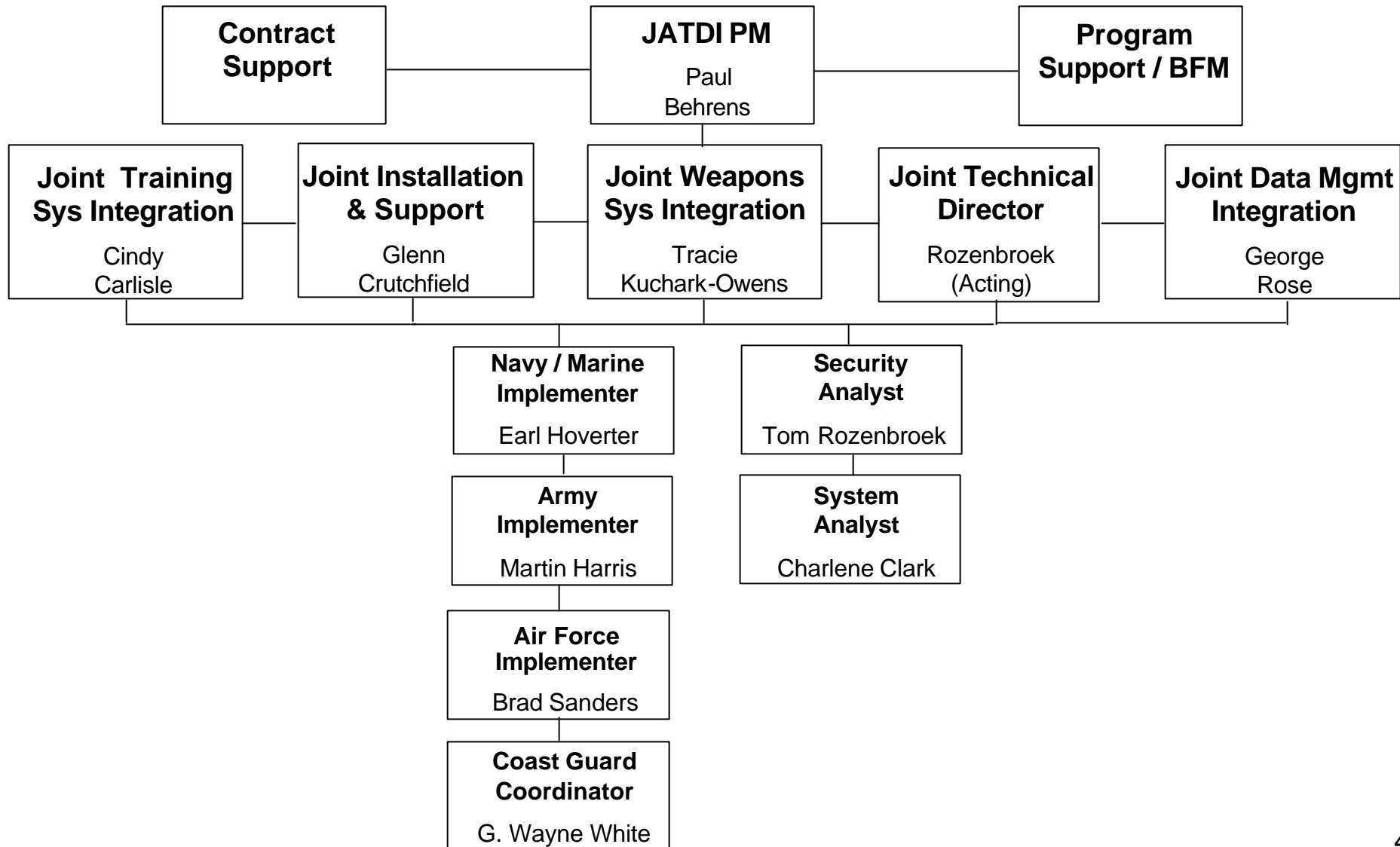SH-60, EA-6B
F-18, UAV

Coast Guard
H-60

JATDI Vision

A Technical Data Integrated Environment Whereby Digital Technical Data, Training, and Maintenance Expertise Is More Available and Accurate, As *Knowledge* for the Warfighters, by a Cheaper, Faster Means.

On-Shore and At Sea

JATDI Program Office
"Integrated Product Team"

Contract Support		JATDI PM Paul Behrens		Program Support / BFM

Joint Training Sys Integration Cindy Carlisle	Joint Installation & Support Glenn Crutchfield	Joint Weapons Sys Integration Tracie Kuchark-Owens	Joint Technical Director Rozenbroek (Acting)	Joint Data Mgmt Integration George Rose

Navy / Marine Implementer

Earl Hoverter

Army Implementer

Martin Harris

Air Force Implementer

Brad Sanders

Coast Guard Coordinator

G. Wayne White

Security Analyst

Tom Rozenbroek

System Analyst

Charlene Clark

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Concept

Play Data Where it Lays

Interfaces to Legacy Systems

Leverage On-Going Initiatives

Plan BPRs to Change Electronic Environment

Program-Wide General Information
Technical Manual
Engineering Data
Safety Data
Training

Data Sources

Supply Status
Hazardous Material
Configuration Management
Instructions
Ops/Maintenance

Internet

Caching Server All Major Sites

Intranet

Data Provider of Choice to Warfighter
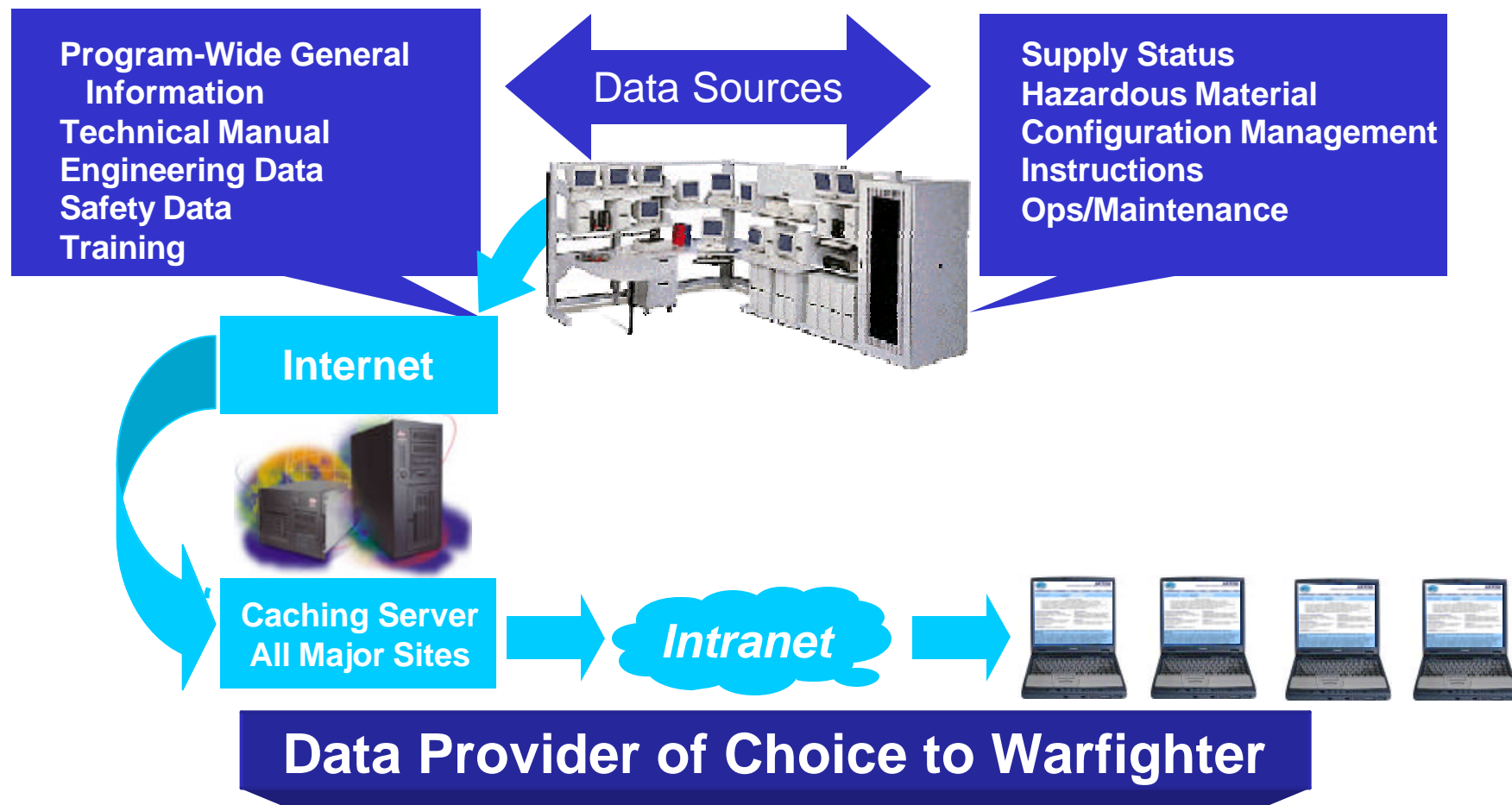
Explore: JATDI Key Pieces

Weapon System Knowledge Web Server
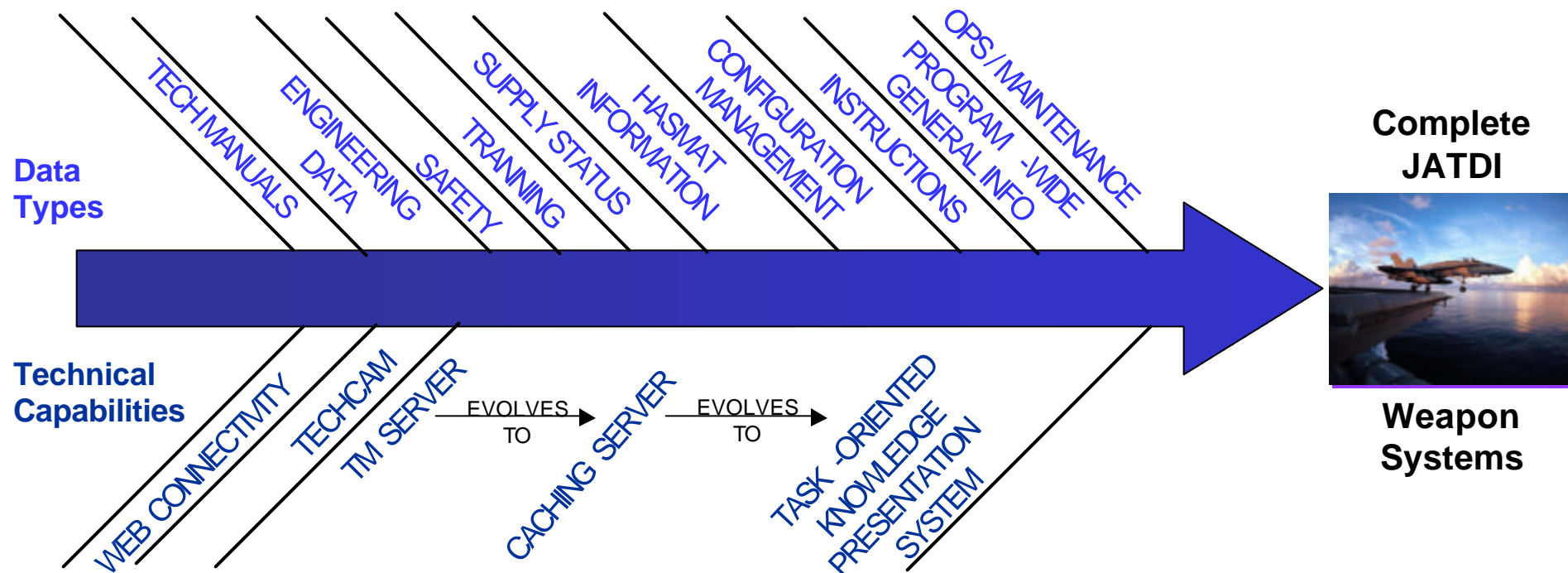

JK Caching Server

TechCam

Requirements Definition

Goals: Provide Weapon Systems Digital Data to Warfighter – Where Needed – When Needed

Desired Outcome: Successful Integration of Web Enabled Data That Can be Utilized by the Warfighter and Maintainer

Data Types

TECH MANUALS
ENGINEERING DATA
SAFETY
TRAINNING
SUPPLY STATUS
HASMAT INFORMATION
CONFIGURATION MANAGEMENT
INSTRUCTIONS
PROGRAM -WIDE GENERAL INFO
OPS /MAINTENANCE

Complete JATDI

Weapon Systems

Technical Capabilities

WEB CONNECTIVITY
TECHCAM
TM SERVER
EVOLVES TO
CACHING SERVER
EVOLVES TO
TASK -ORIENTED KNOWLEDGE PRESENTATION SYSTEM

Success Criteria: Each JATDI Weapon System Has the Capability to Access All Needed Digital Data for O, I, & D Level Maintenance and Program–Wide General Information. Each Weapon System Will Have Connectivity to all Data Via the Web or Through a Caching Server, On-Shore and A-Float.

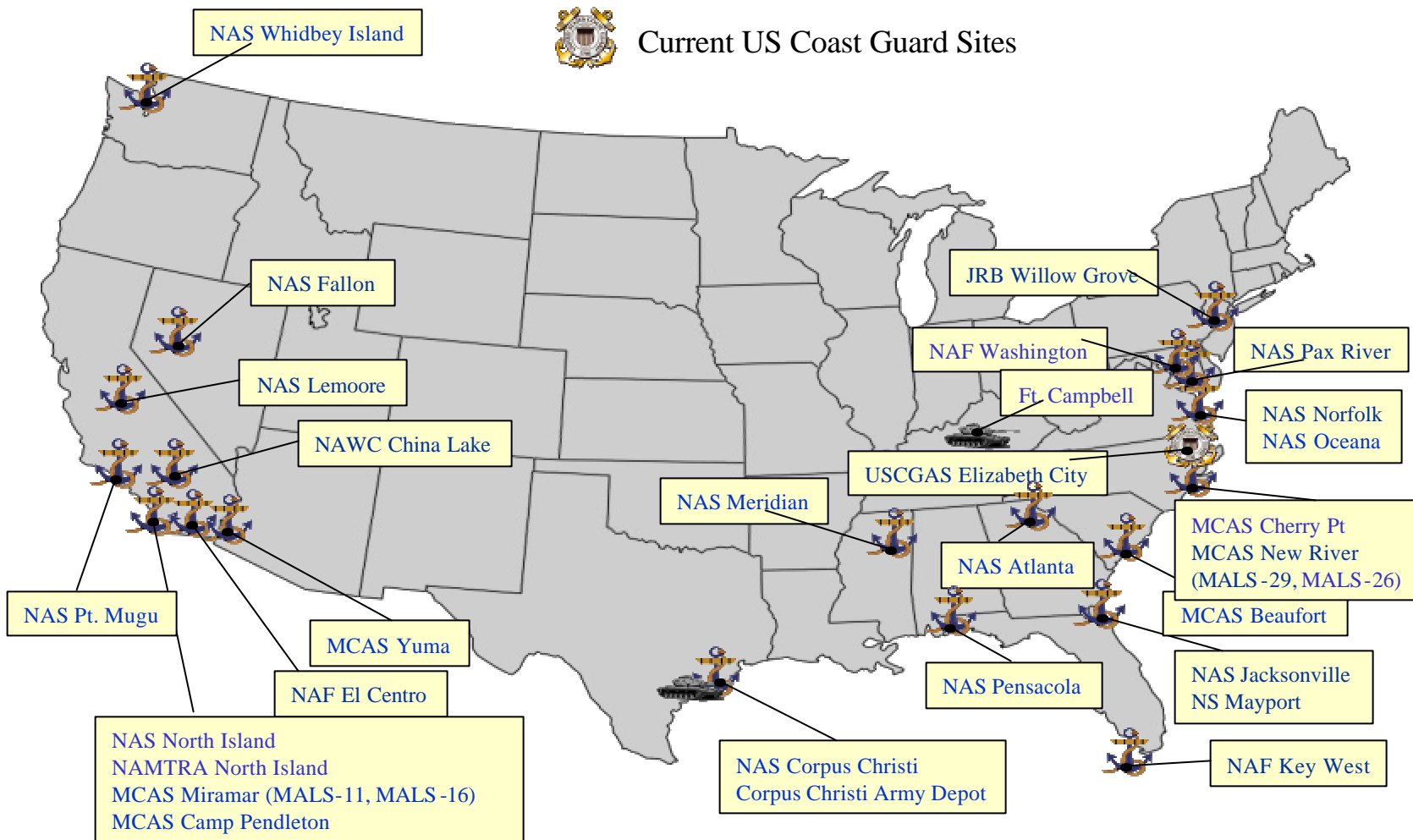# JKCS Server Shore Sites (CONUS)
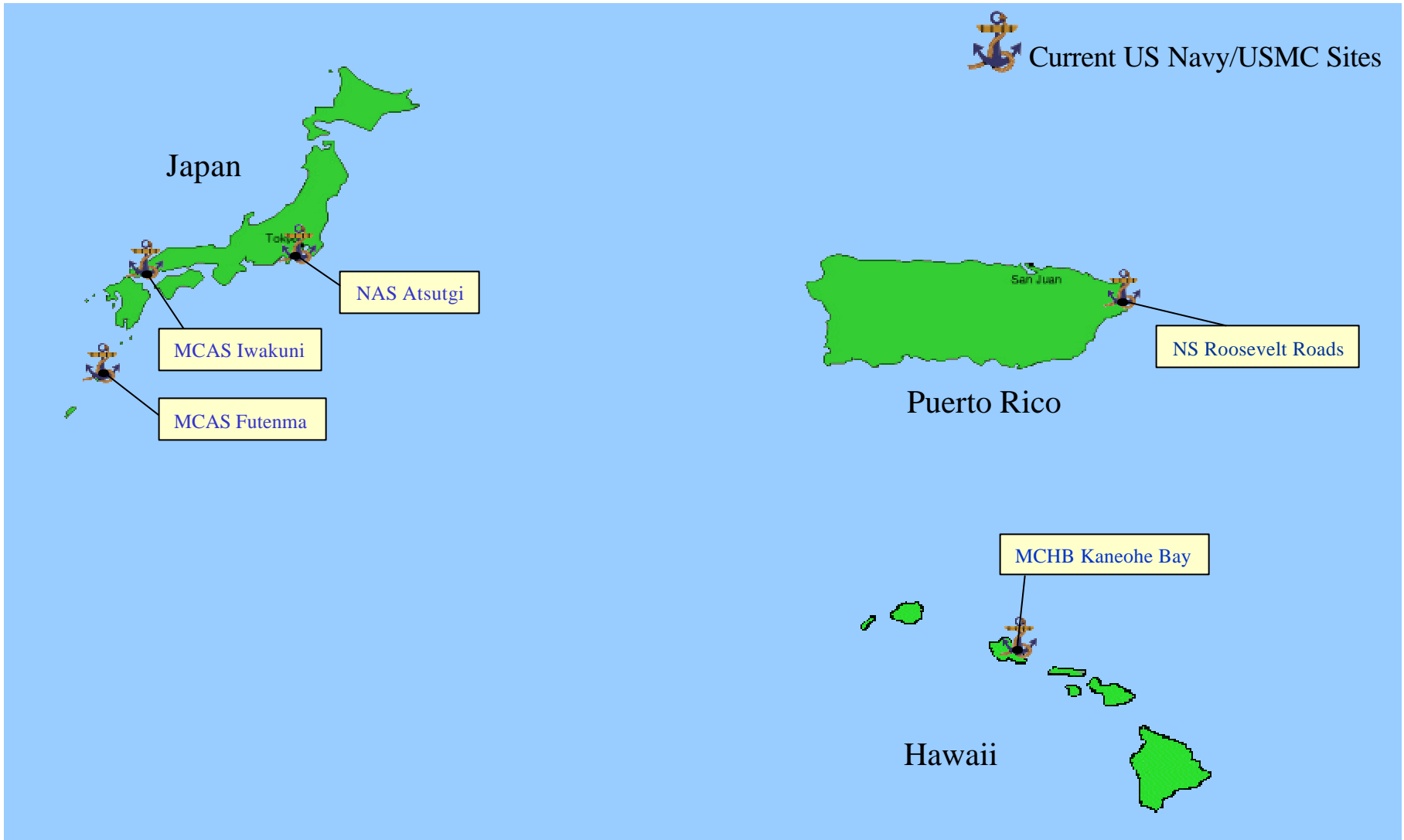

- Current US Navy/USMC Sites
- Current US Army Sites
- Current US Coast Guard Sites

NAS Whidbey Island

JRB Willow Grove

NAF Washington

NAS Pax River

NAS Fallon

Ft Campbell

NAS Norfolk
NAS Oceana

NAS Lemoore

USCGAS Elizabeth City

NAWC China Lake

NAS Meridian

MCAS Cherry Pt
MCAS New River
(MALS-29, MALS-26)

NAS Atlanta

MCAS Beaufort

NAS Pt. Mugu

MCAS Yuma

NAS Pensacola

NAS Jacksonville
NS Mayport

NAF El Centro

NAS North Island
NAMTRA North Island
MCAS Miramar (MALS-11, MALS-16)
MCAS Camp Pendleton

NAS Corpus Christi
Corpus Christi Army Depot

NAF Key West

JKCS Server Shore Sites (OCONUS)

⚓ Current US Navy/USMC Sites

Japan

NAS Atsutgi

MCAS Iwakuni

MCAS Futenma

San Juan

NS Roosevelt Roads

Puerto Rico

MCHB Kaneohe Bay

Hawaii

JKCS Server
CV(N) Sites

USS Kitty Hawk, CV-63

JATDI Operational Sites

JATDI Non-Operational Sites

USS Eisenhower, CVN-69

USS Washington, CVN-73

USS Constellation, CV-64

USS Vinson, CVN-70

USS Enterprise, CVN-65

USS Stennis, CVN-74

USS Roosevelt, CVN-71

USS Kennedy, CV-67

USS Truman, CVN-75

USS Lincoln, CVN-72

USS Nimitz, CVN-68

JKCS Server
LHD Sites

Current US Navy/USMC Sites

USS Boxer, LHD-4

USS Bataan, LHD-5

Sustain

JATDI Customer Support

Website: http://jatdi.mil

Email: Jatdi@ingr.com

Phone: 1-800-633-7248

Training: On-Line Guides
                   Hands-On

Are We Making Progress – YES!
Warfighter Response

"Benefits have been immediate. JATDI is available to all personnel to quickly access manuals onboard…request assistance acquiring additional PEDDs" …… **AIMDO**
USS John C. Stennis 11/01

"You folk's still have the best Web site of all Military web sites I have visited or found." **UH-60 QA Officer**
AASF #2 1/16/02

"I Didn't Believe it Until I Saw The Green Glow Coming From Underneath the Aircraft on the Carrier Hangar Deck at Night. It was from the Laptops Being Used to access JATDI Tech Data for Maintenance." **Prowler Maint Off**
USS Roosevelt 8/22/01

"Request you formalize effort to provide JATDI to all MC activities…JATDI – More for the Corps." **Col, HQMC**
12/11/01

Are We At Our End State? No.

- Known Issues Under Investigation

  – Bandwidth Servers Afloat

  – Mailing issues with delivery of CDs to Carriers

  – Pass down of JATDI Awareness

- New Data Requirements
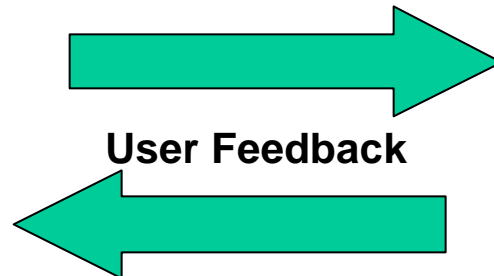
- Ever-Changing IT Requirements

Training Focus

- Training Deficiencies
  - Previous training may not have been sufficient due to:
    - Time Constraints
    - Limited training documentation
    - Formal policy

- Training knowledge and experience is not retained
  - User turnover

- ***Deploy***
- ***Sustain***

User Feedback

JATDI Training Plan

Training Strategy

Distribute Naval Message to Provide:

JATDI Introduction

Training Location

Training Dates

JATDI POC

6 weeks out

Provide Executive Overview

Communicate with Site POC to discuss and finalize training arrangements for the Site

2-4 weeks out

Site visit by JATDI Rep
Confirm training facility

Confirm number of students

Verify hardware/software requirements

2 weeks out
(only if necessary)

East Coast Training
April-September 2003

- 2 sites per month
- Carriers as available
- 1 Government Rep
- 1 Trainer (contractor)
- 1 Technical (contractor)

West Coast Training
April-September 2003

- 2 sites per month
- Carriers as available
- 1 Government Rep
- 1 Trainer (contractor)
- 1 Technical (contractor)

Perform on-site JATDI training

Continuous User Support

Train

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Training Plan

Current Training Plan

- JKCS System Administration Training
  - On-Site
  - Hands On
  - Approximately 4 Hours

- CTPL Training
  - On-Site
  - Hands-On
  - Approximately 2 hours

- End User Training
  - On-Site
  - Hands-On
    - 12 students per class
    - 2 students per workstation
    - Approximately 1 hour

- Training Brief
  - On-Site
  - No Hands-On
  - Presentation Slides
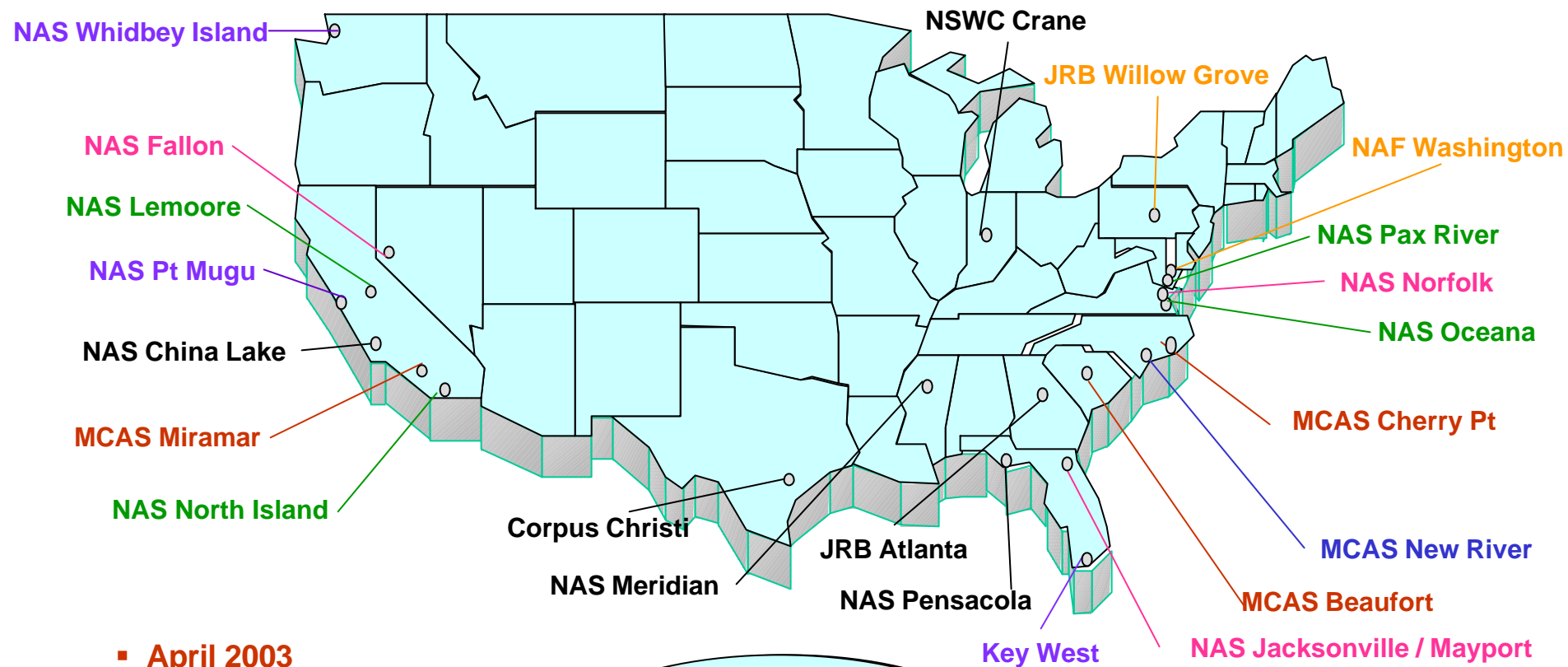 - Approximately (30 minutes - 1 hour)

Future Training Plan

- Incorporate into School House Training

- On-Line Training

- Instructor Led Training Video

- Train-the-Trainer

- Computer Based Training (CBT)

JATDI Training
April-October 2003

NAS Whidbey Island

NSWC Crane

JRB Willow Grove

NAF Washington

NAS Fallon

NAS Lemoore

NAS Pax River

NAS Pt Mugu

NAS Norfolk

NAS China Lake

NAS Oceana

MCAS Miramar

MCAS Cherry Pt

NAS North Island

Corpus Christi

JRB Atlanta

MCAS New River

NAS Meridian

NAS Pensacola

MCAS Beaufort

Key West

NAS Jacksonville / Mayport

- **April 2003**
- **May 2003**
- **June 2003**
- **July 2003**
- **August 2003**
- **September 2003**
- **October 2003**

OCONUS SITES

MCAS Kaneohe Bay (Hawaii)

NS Roosevelt Roads (Puerto Rico)

L-Class/CARRIERS

As Available